

Purchase Order Receipt Listing

Tuesday, September 06, 2016 10:51:27 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO33460 Receipt Dates from 9/2/2016 to 9/2/2016 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO33460 USD	1	No	M316TR1.00W.120 f		9/8/2016	9/2/2016	60.0000		0.0000	0	\$0.00
			316 RD tubing 1.00 x f .120w		60.0000	PLOU01			0.0000	0	
	2	No	M6061T6T0.3125W.01 f 58		9/8/2016	9/2/2016	24.0000		0.0000	0	\$0.00
			ALUM TUBE .3125 f x .058w		24.0000	PLOU01			0.0000	0	
	3	No	M6061T6T0.375W.05 f 8		9/8/2016	9/2/2016	48.0000		0.0000	0	\$0.00
			6061-T6 RD Tube f .375 x.058W		48.0000	PLOU01			0.0000	0	
	4	No	M6061T6T0.625W.06 f 5		9/8/2016	9/2/2016	48.0000		0.0000	0	\$0.00
			6061-T6 RD Tube f .625 x.065W		48.0000	PLOU01			0.0000	0	
	5	No	M6061T6T1.000W.06 f 5		9/8/2016	9/2/2016	60.0000		0.0000	0	\$0.00
			6061T6 RD TUBE f 1.00 x .065w		60.0000	PLOU01			0.0000	0	
	6	No	71401-45		9/8/2016	9/2/2016	1.0000		0.0000	0	\$0.00
			PROCUREMENT QUALITY CLAUSES m135565		1.0000	PLOU01			0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
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Total Received Quantity: 241.0000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$0.00
 Total Balance Due Quantity: 0.0000



O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60613239

FROM: CRAN

PAGE 1

CUST NUMBER: 1203820 NET WGT: 92.172 REQ.DATE: 09/08/16 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 08/31/16
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO33460 RELEASE NO.:
RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH
0001 37122 SMLS CD 304/L A269 1 OD X .120 WA 20' CL

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	60.000 FT	60.000 FT	60.000 FT	67.680	3

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00
PO:49334373 HT:YX1501803 PC: 3 CUSTOMER QTY: 60.000 UOM FT
MLT:CHINA MFG:CHINA SLB/CL:9-27

0002 41723 D6061-T6 5/16 OD X .058 WA 12 FT ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	24.000 FT	24.000 FT	24.000 FT	1.310	2

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49324038 HT:32704387 PC: 2 CUSTOMER QTY: 24.000 UOM FT
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:281022

0003 41952 D6061-T6 3/8 OD X .058 WA 12 FT ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	48.000 FT	48.000 FT	48.000 FT	3.254	4

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49342889 HT:35420777 PC: 4 CUSTOMER QTY: 48.000 UOM FT
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:326185

8/16/96

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60613239

FROM: CRAN

PAGE 2

CUST NUMBER: 1203820

NET WGT:

92.172 REQ.DATE: 09/08/16 CONFIRMED

SOLD TO:

SHIP TO:

DART AEROSPACE LTD

DART AEROSPACE LTD

1270 ABERDEEN ST

1270 ABERDEEN ST

HAWKESBURY ON

HAWKESBURY ON

CANADA

CN K6A 1K7

ONTARIO CANADA

CN K6A 1K7

SALESPERSON:

DONNA SMALLEY

SHIP BY:

08/31/16

TERMS:

NET 30 DAYS

VIA:

COMMON CARRIER

F.O.B.:

SHIPPING POINT

FREIGHT:

PREPAID

CUST ORD NO.:

PO33460

RELEASE NO.:

RECEIVING PHONE:

LINE ITEM DESCRIPTION

WIDTH

LENGTH

0004 42558 D6061-T6 5/8 OD X .065 WA

12 FT ML

CLN#

ORD QTY

INVOICE QTY

SHIPPED QTY

WT

PCS

48.000 FT

48.000 FT

48.000 FT

6.428

4

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99

Export License: NLR

Expiration Date: 0/00/00

PO:49343800 HT:F002049780001

PC: 4

CUSTOMER QTY:

48.000

UOM FT

MLT:UNITED STATES MFG:UNITED STATES

SLB/CL:219688

0005 43284 D6061-T6 1 OD X .065 WA

12 FT ML

CLN#

ORD QTY

INVOICE QTY

SHIPPED QTY

WT

PCS

60.000 FT

60.000 FT

60.000 FT

13.500

5

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99

Export License: NLR

Expiration Date: 0/00/00

PO:49333248 HT:F001924750002

PC: 5

CUSTOMER QTY:

60.000

UOM FT

MLT:UNITED STATES MFG:UNITED STATES

SLB/CL:218377

BROKERS KUEHNE AND NAGEL LTD

Sp/6-9-6

		PACK INFO				
AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B	REDDICRATE	1.000	120.000		12.5000	
B	CARTON	1.000			20.5000	
		2.000	120.000			

BY: TB

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.



O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60613239

FROM: CRAN

PAGE 3

CUST NUMBER: 1203820 NET WGT:

92.172 REQ.DATE: 09/08/16 CONFIRMED

SOLD TO:

SHIP TO:

DART AEROSPACE LTD

DART AEROSPACE LTD

1270 ABERDEEN ST

1270 ABERDEEN ST

HAWKESBURY ON

HAWKESBURY ON

CANADA

CN K6A 1K7

ONTARIO CANADA

CN K6A 1K7

SALESPERSON:

DONNA SMALLEY

SHIP BY:

08/31/16

TERMS:

NET 30 DAYS

VIA:

COMMON CARRIER

F.O.B.:

SHIPPING POINT

FREIGHT:

PREPAID

CUST ORD NO.:

PO33460

RELEASE NO.:

RECEIVING PHONE:

LINE ITEM DESCRIPTION

WIDTH

LENGTH

RT 000-

UNLOAD TYPE: NONE SPECIFIED

88/6-9-6-

DATE SHIPPED _____

DATE FILLED _____

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60613239

FROM: CRAN

PAGE 4

CUST NUMBER: 1203820 NET WGT:
SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON
CANADA

CN K6A 1K7

92.172 REQ.DATE: 09/08/16 CONFIRMED
SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKSBURY ON
ONTARIO CANADA

CN K6A 1K7

SALESPERSON: DONNA SMALLEY
TERMS: NET 30 DAYS
F.O.B.: SHIPPING POINT
CUST ORD NO.: PO33460
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:
RECEIVING PHONE:

SHIP BY: 08/31/16
27 ENGLEHARD DRIVE
MONROE TWP NJ 08831

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk Cgm Hecner Date: 8/31/16

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.



A COMPANY OF MUELLER INDUSTRIES

PRECISION TUBE CO.
287 WISSAHICKON AVE.
NORTH WALES PA 19454

Control No: 168215**

CERTIFIED TEST REPORT

CUSTOMER PURCHASE ORDER NO.	CUST. ORD. NO.	PRECISION TUBE P/N
49324038 LINE 001	281022	24A031250580005
SOLD: TW METALS TO 27 ENGLEHARD DRIVE MONROE TWP, NJ 08831 UNITED STATES		SHIP: TW METALS TO 27 ENGLEHARD DRIVE MONROE TWP, NJ 08831 UNITED STATES

QUANTITY ORD.	DESCRIPTION	QTY. SHIPPED	DATE SHIPPED
3000 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P ASTM-B-210-12 AMS-WW-T-700/6B LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3125 +.0030 -.0030 ID WALL .0580 +.0040 -.0040	3300 FT	01/07/15

MECHANICAL PROPERTIES

SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)
1	46,473	41,218	15		

TW METALS
TEST REPORT
JAN 08 2015
ACCEPTED BY

DESTRUCTIVE TESTS

Comments: FAR BAA COMPLIES, DFARS BAA COMPLIES, FAR TAA COMPLIES

NON-DESTRUCTIVE TESTS

EDDY CURRENT: PASS

CHEMICAL COMPOSITION

ALLOY: 6061	HEAT:		TRACEABILITY #: 32704387						
			RAW MATL VENDOR: PT45444 - Kaiser Aluminum						
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
Min	0.40		0.15		0.80	0.04			Rem.
Max	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	
OTHER ELEMENTS: 0.05 MAX EACH / 0.15 MAX TOTAL									

OTHER ELEMENTS: 0.05 MAX EACH / 0.15 MAX TOTAL

We hereby certify that the material has been manufactured and tested in accordance with the requirements of the applicable specifications and descriptions set forth on Precision Tube's sales acknowledgement. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary containment. Test results indicate that the material is compliant with the current revision of the RoHS Directive (2002/95/EU).

Melted and Manufactured in USA
QMS Registered to ISO 9001: 2008

By:

Art Onaitis

Art Onaitis
QA Manager

01/07/15

Page: 1 of 1

KAISER ALUMINUM

FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

CUSTOMER PO NUMBER: PT45444		CUSTOMER PART NUMBER: SPIRIT-371850		PRODUCT DESCRIPTION: 5.400 LB/PC .500 LB/-0 LB 1.312 OD X .085 WALL ESRT	
KAISER ORDER NUMBER: 317897	LINE ITEM: 001	SHIP DATE: 11/25/2014	KAISER LOT NUMBER: 50751-284	ALLOY: 6061	TEMPER: O
WEIGHT SHIPPED: 10618.000 LB	QUANTITY: 1933.000 PCS	B/L NUMBER: 004598	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 13.984 FT
SHIP TO: PRECISION TUBE CO 287 WISSAHICKON AVENUE N. WALES, PA 19454 USA			SOLD TO: MUELLER INDUSTRIES, INC PRECISION TUBE 8285 TOURNAMENT DRIVE STE. 150 MEMPHIS, TN 38125 USA		



Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
50751-284	0001	0001	19.5	8.7	19.8	N/A	N/A	N/A
50751-284	0001	0002	19.6	9.2	19.6	N/A	N/A	N/A
50751-284	0001	0003	19.3	8.7	20.3	N/A	N/A	N/A
50751-284	0001	0004	19.4	9.0	18.8	N/A	N/A	N/A
50751-284	0001	0005	19.7	9.1	19.3	N/A	N/A	N/A
50751-284	0001	0006	19.7	8.8	18.2	N/A	N/A	N/A
50751-284	0001	0007	19.5	9.3	19.9	N/A	N/A	N/A
50751-284	0001	0008	19.8	9.2	19.2	N/A	N/A	N/A
50751-284	0001	0009	19.2	8.6	19.9	N/A	N/A	N/A
50751-284	0001	0010	19.4	9.1	18.9	N/A	N/A	N/A
50751-284	0001	0011	19.7	8.7	21.4	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	.0
F73891	.60	.30	.23	.05	.97	.06	.06	.02	.00	.00	.00	.02	.05
F73885	.60	.30	.23	.05	.97	.06	.05	.02	.00	.00	.00	.01	.02
F73887	.57	.30	.22	.05	.98	.07	.11	.02	.00	.00	.00	.01	.02

Applicable Requirements:

ASTM-B241-12 NON-STENCILED ASTM-B221-13 ASTM-B345-11 AMS-QQ-A-200/8 97 (R07) TYPE I
UNS#A96061 Also conforms to EN 10204 3.1

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00011377
Kaiser Order Number: 317897
Line Item: 001

KAISER

ALUMINUM

FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

JOSEPH AMES, QUALITY MANAGER

Jph

Plant Serial: 00011377

Kaiser Order Number: 317897

Line Item: 001

PUFA™

Producer of Premium Stainless Steel Seamless Tubes

MILL TEST REPORT

Purchaser.: TW METALS-Cranbury				Certificate No.: 15-13-21					
Contract No.: TWMP.O.No.: M49334373				Date of Issue: 2015.11.5					
Commodity: Stainless Steel Seamless Tubes				Specifications: ASTM A213-15/ASME SA213-13/ASTM A269-14el EAW					
Process: Cold Drawn				Delivery Condition: OD Polished to 240 Grit					
Steel Grade	Heat Number 9-89	Lot Number	Dimensions	Quantity					
				Pieces	Feet				
TP304/TP304L	YX1501-803	9-27	1" x 0.120" x 20'	100	2,000				
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00	-	-
Ladle Analysis	0.016	0.62	0.034	0.002	0.34	18.15	8.06	-	-
Product Analysis	0.020	0.61	0.036	0.002	0.33	18.13	8.49	-	-
Mechanical Properties									
Test Item	Elongation (% in 2")		Tensile Strength (PSI) Rm		Yield Strength (PSI) Rp / 0.2%				
Requirements	≥35		≥75,000		≥30,000				
Test Results	63/64		91,000/92,000		36,000/37,000				
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements	-	HRB≤80	-	25%	e=0.09	-	-		
Test Results	-	76/78	-	Passed	Passed	-	OK		
Test Item	Eddy Current Test	Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426	-	-	ASTM A262 E	End Cut	Appearance			
Test Results	Passed	-	-	OK	OK	OK			

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1526002

Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-14
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Free from radioactive contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) All tubes 100% PMI tested
- (12) All tubes 100% Eddy Current tested

**CANNOT CERTIFY COMPLIANCE
FAR BAA / DFARS BAA / FAR TAA**



By:

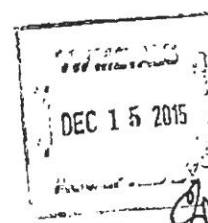
James Shi

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory
No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China





PRECISION TUBE CO.
287 WISSAHICKON AVE.
NORTH WALES PA 19454

Control No: 171189

CERTIFIED TEST REPORT

CUSTOMER PURCHASE ORDER NO. 49342889 LINE 001		CUST. ORD. NO. 326185		PRECISION TUBE P/N 24A037500580006					
SOLD: TW METALS TO 235 TUBEWAY CAROL STREAM, IL 60188 UNITED STATES			SHIP: TW METALS TO 235 TUBEWAY CAROL STREAM, IL 60188 UNITED STATES						
QUANTITY ORD.	DESCRIPTION			QTY. SHIPPED	DATE SHIPPED				
3000 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P AMS-WW-T-700/6B ASTM-B-210-12 LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3750 +.0030 -.0030 ID WALL .0580 +.0040 -.0040			3120 FT	01/06/16				
MECHANICAL PROPERTIES									
SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)				
1	44,954	40,057	14						
DESTRUCTIVE TESTS									
FLATTENING: PASS Comments: FAR BAA COMPLIES, DFARS BAA COMPLIES, FAR TAA COMPLIES				TW METALS TEST JAN 13 15 RECORDED					
NON-DESTRUCTIVE TESTS									
EDDY CURRENT: PASS									
CHEMICAL COMPOSITION									
ALLOY: 6061		HEAT:		TRACEABILITY #: 35420777					
				RAW MATL VENDOR: PT55690 - Kaiser Aluminum					
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
Min	0.40		0.15		0.80	0.04			Rem.
Max	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	
OTHER ELEMENTS: 0.05 MAX EACH / 0.15 MAX TOTAL									

We hereby certify that the material has been manufactured and tested in accordance with the requirements of the applicable specifications and descriptions set forth on Precision Tube's sales acknowledgement. During the manufacturing, testing, and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary containment. Test results indicate that the material is compliant with the current revision of the RoHS Directive (2011/65/EU).

Manufactured in the USA
QMS Registered to ISO 9001: 2008

By: Art Onaitis
Art Onaitis
QA Manager

01/13/16
Page: 1 of 1

UMB

KAISER ALUMINUM

FABRICATED PRODUCTS

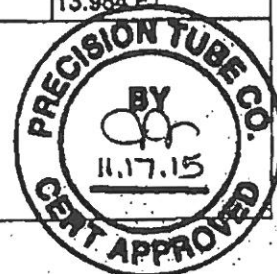
Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

CUSTOMER PO NUMBER: PT55890		CUSTOMER PART NUMBER: SPIRIT-371850		PRODUCT DESCRIPTION: 5.400 LB/PC .500 LB/-0 LB 1.312 OD X .085 WALL ESRT	
KAISER ORDER NUMBER: 319478	LINE ITEM: 001	SHIP DATE: 11/13/2015	KAISER LOT NUMBER: 50751-310	ALLOY: 6061	TEMPER: O
WEIGHT SHIPPED: 5395.000 LB	QUANTITY: 983.000 PCS	B/L NUMBER: 004887	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 13.984 FT
SHIP TO: PRECISION TUBE CO 287 WISSAHICKON AVENUE N. WALES, PA 19454 USA			SOLD TO: MUELLER INDUSTRIES, INC PRECISION TUBE 8285 TOURNAMENT DRIVE STE. 150 MEMPHIS, TN 38125 USA		



Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS(KSI)	YTS(KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
50751-310	0001	0001	18.0	6.5	27.6	N/A	N/A	N/A
50751-310	0001	0002	17.6	5.9	27.6	NA N/A	N/A	N/A
50751-310	0001	0003	17.9	6.2	27.6	NA N/A	N/A	N/A
50751-310	0001	0004	17.9	5.9	26.8	NA N/A	N/A	N/A
50751-310	0001	0005	18.5	6.1	28.4	NA N/A	N/A	N/A
50751-310	0001	0006	18.1	6.0	28.7	NA N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

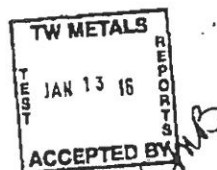
LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	.0
F82353	.58	.32	.22	.05	1.02	.09	.05	.02	.00	.00	.00	.01	.02

Applicable Requirements:

ASTM-B241-12 NON-STENCILED ASTM-B221-13 ASTM-B345-11 AMS-QQ-A-200/8 97(R07) TYPE I
UNS#A96061 Also conforms to EN 10204 3.1

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.



Plant Serial: 00013139
Kaiser Order Number: 319478
Line Item: 001

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

JOSEPH AMES, QUALITY MANAGER

Jph

TW METALS	
TEST	JAN 13 16
ACCEPTED BY	

AMB

Plant Serial: 00013139
Kaiser Order Number: 319478
Line Item: 001

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49343800-1		CUSTOMER PART NUMBER: 42558		PRODUCT DESCRIPTION: Drawn Seamless Tube/Pipe	
KAISER ORDER NUMBER: 219688	LINE ITEM: 001	SHIP DATE: 01/11/2016	KAISER LOT NUMBER: F00204978	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 572.000 LB	QUANTITY: 355.000 PCS	B/L NUMBER: 220716	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: TW METALS INC 235 WEST TUBEWAY DRIVE CAROL STREAM, IL 60188 USA			SOLD TO: TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

Actual Physical Properties

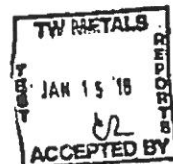
REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00204978	0001	1	45.6	38.9	19.5	N/A	N/A	N/A
F00204978	0002	1	46.5	40.3	17.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D75200	.60	.25	.23	.05	.99	.07	.04	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 0.6250"; Wall: 0.0650"; Round @
AMS-4082P AMS-WW-T-700/6C ASTM B210-12 WW-T-700/6F
 WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.
 This Product Complies to FAR BAA, DFARS BAA, FAR TAA
 COMPLIES TO DIN EN 10204 JAN 2005
 No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
 MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
 (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
 TRADE AGREEMENTS).

Plant Serial: 00021031
 Kaiser Order Number: 219688
 Line Item: 001

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

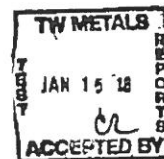
CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager



Plant Serial: 00021031
Kaiser Order Number: 219688
Line Item: 001

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49333248-1		CUSTOMER PART NUMBER: 43284		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 218377	LINE ITEM: 001	SHIP DATE: 07/01/2015	KAISER LOT NUMBER: F00192475	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 776.000 LB	QUANTITY: 288.000 PCS	B/L NUMBER: 219162	DIAM/DAE/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: TW METALS INC 27 ENGLEHARD DRIVE EXIT 8A OFF NJ TPK MONROE TWP, NJ 08831 USA			SOLD TO: TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON% IACS	BEND
F00192475	0001	1	46.4	44.2	14.5	N/A	N/A	N/A
F00192475	0002	1	46.6	45.4	15.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

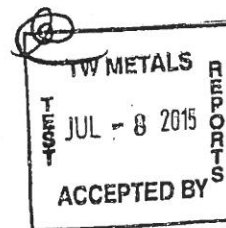
LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D39896	.59	.34	.21	.05	.93	.08	.05	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 1.0000"; Wall: 0.0650"; Round @
AMS-4082P AMS-WW-T-700/6B ASTM B210-12 WW-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.
This Product Complies to FAR BAA, DFARS BAA, FAR TAA.
COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.

DAS
14
9-29

16/09/13



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00019758
Kaiser Order Number: 218377
Line Item: 001

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

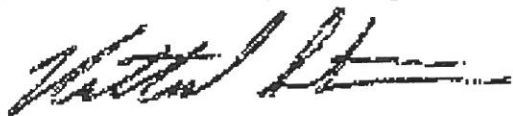
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager



MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6 T1.000 W.065
 DATE 11/09/13

PO/BATCH NO 33460/135645

MATERIAL CERTIFIED yes
 QUANTITY RECEIVED 60'
 QUANTITY INSPECTED 60'
 QUANTITY REJECTED _____

THICKNESS ORDERED .060
 THICKNESS RECEIVED .060
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>.060</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HEAT# F001924750002</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M6061T6 T1.000 W.06</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135645</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION

INSPECTED BY 16
 DATE 11/09/13

SIGNED OFF BY _____
 DATE _____

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6 T.3125W.058
 DATE 16/09/13

PO / BATCH NO 33460/135565

MATERIAL CERT RECEIVED yes
 QUANTITY RECEIVED 24'
 QUANTITY INSPECTED 24'
 QUANTITY REJECTED _____

THICKNESS ORDERED .058
 THICKNESS RECEIVED .054
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>.054</u>
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>HEATH# 32704387</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>M6061T6 T.3125W.058</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>M135565</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
TYPE OF MATERIAL	HRC	HRB	DUR A
SIZE OF TEST SAMPLE			
HARDNESS - DUROMETER READING			

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY DAS
 DATE 16/09/13

SIGNED OFF BY _____
 DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6T.375W.058
DATE 16/09/13

PO / BATCH NO 33460/135565

MATERIAL CERTIFIED YES
QUANTITY RECEIVED 48'
QUANTITY INSPECTED 48'
QUANTITY REJECTED _____

THICKNESS ORDERED .058
THICKNESS RECEIVED .058
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/>	N	
CORROSION	Y	<input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/>	N	
CORRECT MATERIAL	<input checked="" type="radio"/>	N	<u>M6061T6</u>
CORRECT THICKNESS	<input checked="" type="radio"/>	N	<u>.058</u>
PHOTO REQUIRED	Y	<input checked="" type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/>	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/>	N	<u>HEAT# 35420777</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/>	N	<u>M6061T6T.375W.058</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/>	N	<u>M135565</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION

INSPECTED BY DAS
DATE 16/09/13

SIGNED OFF BY _____
DATE _____

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6T.625W.065
DATE 16/09/13

PO / BATCH NO 33460/135565

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 48'
QUANTITY INSPECTED 48'
QUANTITY REJECTED _____

THICKNESS ORDERED .065
THICKNESS RECEIVED .065
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>.065</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HEAT # F0020497800D1</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M6061T6T.625W.065</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135565</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
	HRC	HRB	DUR A
TYPE OF MATERIAL			
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING			

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY DAS
DATE 16/09/13

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33460

Purchase Order Date 8/29/2016

PO Print Date 8/29/2016

Page Number 1 of 3

Order From :

VU-TWM001

Ship To : DART AEROSPACE LTD

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

30
AUG 29 2016

Contact Name

Vendor Phone

585 768 5600

Ship To Contact

Ship To Phone

Ship Via:

YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M316TR1.00W.120	316 RD tubing 1.00 x .120w	9/8/2016 Yes 9/8/2016		60.00 f	\$5.00	\$300.00
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							
Line Total:							\$300.00
2	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058w	9/8/2016 Yes 9/8/2016		24.00 f	\$2.50	\$60.00
MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241							
Line Total:							\$60.00

Sp16-9-6.

Note:

8/29/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33460**

Purchase Order Date 8/29/2016

PO Print Date 8/29/2016

Page Number 2 of 3

Order From :
TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

VU-TWM001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

3	M6061T6T0.375W.058	6061-T6 RD Tube .375 x.058W	9/8/2016	48.00	✓	\$2.15	\$103.20
			Yes	f			
			9/8/2016				

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR
ASTM B241

Line Total: \$103.20


4	M6061T6T0.625W.065	6061-T6 RD Tube .625 x.065W	9/8/2016	48.00	✓	\$3.15	\$151.20
			Yes	f			
			9/8/2016				

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR
ASTM B241

Line Total: \$151.20

Note:

8/29/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33460

Purchase Order Date 8/29/2016
PO Print Date 8/29/2016

Page Number 3 of 3

Order From :
TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

VU-TWM001

Ship To :
DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer		Chantal Lavoie	
Vendor Phone		Customer POID			
585 768 5600		Customer Tax #		10127-2607	
Ship To Contact		Terms		Net 30	
Ship To Phone		Currency		USD	
Ship Via:		FOB		FCA – (Free Carrier)	
Ship Acct:					
5	M6061T6T1.000W065	6061T6 RD TUBE 1.00 x .065w	9/8/2016	60.00	\$2.96 \$177.60
		Yes		f	
		9/8/2016			
	MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241				
				Line Total:	\$177.60
6	71401-45	PROCUREMENT QUALITY CLAUSES	9/8/2016	1.00	\$0.00 \$0.00
		No		Sp/6-9-6.	
		9/8/2016			
Procurement Quality Clauses					
A005 right of entry					
A012 chemical and physical test report					
A016 personnel qualification					
A017 raw material identification (as applicable)					
A026 certification of material conformance					
A041 quality management system					
A042 dart notification by supplier					
A043 retension of quality documents					
				Line Total:	\$0.00
				PO Total:	\$792.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.